

(CHECK ONE)

☐ No-till/Strip-till (329A)☐ Mulch-till (329B)☐ Ridge-till (329C)

Name: _____ Date: _____ Ident. No.: _____

Legal Desc.: _____ Field No.: _____ County: _____

Identified resource
concerns: _____

Producer objectives: _____

Scope: This specification provides guidelines to assure the residue management systems meet the resource needs and the producer's objectives. The specification is based on the amount, timing, and orientation of crop residue left on the soil surface.

Purpose of establishment: (Select all that apply)

- | | | |
|-------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Reduce water erosion | <input type="checkbox"/> Mitigate potential pollution | <input type="checkbox"/> Reduce wind erosion |
| <input type="checkbox"/> Conserve soil moisture | <input type="checkbox"/> Improve wildlife habitat (food and cover) | <input type="checkbox"/> Other |
| <input type="checkbox"/> Improve soil quality | <input type="checkbox"/> Manage snow cover for plant available water | |

Comments: (Use arrow key to advance to next line.)

Table 1: Specifications and Application Record

Tract/ field	Crop to be planted	Previous crop residue	Orientation (standing or flat)	Height (inches)	Critical season(s)	Pounds of residue		Percent residue	
						Planned	Applied	Planned	Applied

Notes: If residue is managed for wildlife benefits, describe planned wildlife provisions. Also use this space to describe row direction, grade restrictions, or other site-specific requirements. (Use arrow key to advance to next line.)



Legal Desc.: _____

Table 2: Design Worksheet for Estimating Crop Residue Produced (for planned rotation)

To activate this table, open and save Form KS-ECS-329wksht.xls to the hard drive of your personal computer. Double click the table to enter values. Position the table and click outside the table to exit and save entries.

Column 1 Crop	Column 2 Harvest units	Column 3 Yield	Column 4 Lbs residue/unit yield	Column 5 Estimated lbs residue/acre	Column 6 Estimated percent ground cover	Column 7 Instructions to estimate values for columns 5 and 6
				0		Multiply column 3 by column 4 to estimate total pounds of residue available after harvest. Table 3 of construction specifications (codes 329A, 329B, and 329C) can be used to convert pounds of residue/acre (column 5) to percent ground cover (column 6)
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
Notes:						
Information in column 7 is used in Table 3 as an estimate of beginning ground cover for each crop in the rotation.						

Table 3: Design Worksheet for Residue Budget

Crop	Previous crop	Beginning residue	Operation	Date	Percent retained	Percent residue left
Notes: (Use arrow key to advance to next line.)						



Legal Desc.: _____

Technical Service Provider

Layout by Date

Designed by Date

Checked by Date

Approved by Date

Producer's Statement

The design of this practice has been discussed with me, and I concur with the design. **No substitutions are allowed without the approval of the technical service provider.**

Signature Date

Certification

This applied practice meets Kansas standards and specifications.

Technical Service Provider Date

This practice has been applied as designed.

Producer Date